

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/539,446
Source: PJT
Date Processed by STIC: 4/11/06

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PCT

RAW SEQUENCE LISTING

DATE: 04/11/2006

PATENT APPLICATION: US/10/539,446

TIME: 12:45:01

Input Set : A:\10-539,446 Sequence Listing.txt

Output Set: N:\CRF4\04112006\J539446.raw

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3 <110> APPLICANT: Beijing Joinnn Pharmaceutical Center
4     ZHOU, Zhiwen
5     FENG, Yuxia
6     ZUO, Conglin
7     LI, Yuejuan
9 <120> TITLE OF INVENTION: A SET OF OLIGO-NUCLEOTIDES AGAINST HIV INFECTION AND ITS
10    APPLICATION IN THE PREVENTION AND TREATMENT OF ACQUIRED IMMUNE
11    DEFICIENCY SYNDROME
13 <130> FILE REFERENCE: Q88152
15 <140> CURRENT APPLICATION NUMBER: 10/539,446
16 <141> CURRENT FILING DATE: 2005-06-20
18 <150> PRIOR APPLICATION NUMBER: PCT/CN2003/001068
19 <151> PRIOR FILING DATE: 2003-12-16
21 <150> PRIOR APPLICATION NUMBER: CN 02156785.9
22 <151> PRIOR FILING DATE: 2002-12-18
24 <160> NUMBER OF SEQ ID NOS: 29
26 <170> SOFTWARE: PatentIn version 3.3
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 24
30 <212> TYPE: RNA
31 <213> ORGANISM: Lentivirus genera
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34 aucaaugagg aagcugcaga augg                                24
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 27
39 <212> TYPE: RNA
40 <213> ORGANISM: Lentivirus genera
42 <400> SEQUENCE: 2
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46 <210> SEQ ID NO: 3
47 <211> LENGTH: 29
48 <212> TYPE: RNA
49 <213> ORGANISM: Lentivirus genera
51 <400> SEQUENCE: 3
52 uaaaauaaaau aguaagaaug uauagcccu                                29
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 19
57 <212> TYPE: RNA
58 <213> ORGANISM: Lentivirus genera
60 <400> SEQUENCE: 4
61 uauggggguac cugugugga                                        19
64 <210> SEQ ID NO: 5
65 <211> LENGTH: 24

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66 <212> TYPE: RNA
67 <213> ORGANISM: Lentivirus genera
69 <400> SEQUENCE: 5
70 gccaaauccc auacauuauu gugc 24
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 21
75 <212> TYPE: RNA
76 <213> ORGANISM: Lentivirus genera
78 <400> SEQUENCE: 6
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82 <210> SEQ ID NO: 7
83 <211> LENGTH: 26
84 <212> TYPE: RNA
85 <213> ORGANISM: Lentivirus genera
87 <400> SEQUENCE: 7
88 accacacaca aggcua cuuc ccugau 26
91 <210> SEQ ID NO: 8
92 <211> LENGTH: 23
93 <212> TYPE: RNA
94 <213> ORGANISM: Lentivirus genera
96 <400> SEQUENCE: 8
97 acagccgccu agcauuuau cac 23
100 <210> SEQ ID NO: 9
101 <211> LENGTH: 27
102 <212> TYPE: RNA
103 <213> ORGANISM: Lentivirus genera
105 <400> SEQUENCE: 9
106 ggauggugcu ucaagcuagu accaguu 27
109 <210> SEQ ID NO: 10
110 <211> LENGTH: 21
111 <212> TYPE: RNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Chemically synthesized positive strand of double-stranded
RNA
116 viral gene expression inhibitor
118 <400> SEQUENCE: 10
119 uauggggguac cuguguggau u 21
122 <210> SEQ ID NO: 11
123 <211> LENGTH: 21
124 <212> TYPE: RNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Chemically synthesized negative strand of double-stranded
RNA
129 viral gene expression inhibitor
131 <400> SEQUENCE: 11
132 uuauacccca uggacacacc u 21
135 <210> SEQ ID NO: 12
136 <211> LENGTH: 30
137 <212> TYPE: DNA

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      140 <220> FEATURE:
      141 <223> OTHER INFORMATION: Chemically synthesized PCR primer
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      144 cggaattcta aagagcaciaa gacagtggac 30
      147 <210> SEQ ID NO: 13
      148 <211> LENGTH: 30
      149 <212> TYPE: DNA
      150 <213> ORGANISM: Artificial Sequence
      152 <220> FEATURE:
      153 <223> OTHER INFORMATION: Chemically synthesized PCR primer
      155 <400> SEQUENCE: 13
      156 cggatcctac tctaccgtca gcgtcattga 30
      159 <210> SEQ ID NO: 14
      160 <211> LENGTH: 21
      161 <212> TYPE: RNA
      162 <213> ORGANISM: Artificial Sequence
      164 <220> FEATURE:
      165 <223> OTHER INFORMATION: Chemically synthesized positive strand of double-stranded
RNA
      166 viral gene expression inhibitor
      168 <400> SEQUENCE: 14
      169 gugacauagc aggaacuacu u 21
      172 <210> SEQ ID NO: 15
      173 <211> LENGTH: 21
      174 <212> TYPE: RNA
      175 <213> ORGANISM: Artificial Sequence
      177 <220> FEATURE:
      178 <223> OTHER INFORMATION: Chemically synthesized negative strand of double-stranded
RNA
      179 viral gene expression inhibitor
      181 <400> SEQUENCE: 15
      182 uucacugauu cguccuugau g 21
      185 <210> SEQ ID NO: 16
      186 <211> LENGTH: 21
      187 <212> TYPE: RNA
      188 <213> ORGANISM: Artificial Sequence
      190 <220> FEATURE:
      191 <223> OTHER INFORMATION: Chemically synthesized positive strand of double-stranded
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      192 viral gene expression inhibitor
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      195 accacacaca aggcuaauu u 21
      198 <210> SEQ ID NO: 17
      199 <211> LENGTH: 21
      200 <212> TYPE: RNA
      201 <213> ORGANISM: Artificial Sequence
      203 <220> FEATURE:
      204 <223> OTHER INFORMATION: Chemically synthesized negative strand of double-stranded
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      205 viral gene expression inhibitor
      207 <400> SEQUENCE: 17
      208 uuuggugugu guuccgauga a 21

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Input Set : A:\10-539,446 Sequence Listing.txt

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211 <210> SEQ ID NO: 18
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217 <223> OTHER INFORMATION: Chemically synthesized positive strand of double-stranded
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218     viral gene expression inhibitor
220 <400> SEQUENCE: 18
221 aucaaugagg aagcugcagu u                                21
224 <210> SEQ ID NO: 19
225 <211> LENGTH: 21
226 <212> TYPE: RNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Chemically synthesized negative strand of double-stranded
RNA
231     viral gene expression inhibitor
233 <400> SEQUENCE: 19
234 uuuauguuacu ccuucgacgu c                                21
237 <210> SEQ ID NO: 20
238 <211> LENGTH: 21
239 <212> TYPE: RNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Chemically synthesized positive strand of double-stranded
RNA
244     viral gene expression inhibitor
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247 guaagaauugu cuagcccugu u                                21
250 <210> SEQ ID NO: 21
251 <211> LENGTH: 21
252 <212> TYPE: RNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Chemically synthesized negative strand of double-stranded
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257     viral gene expression inhibitor
259 <400> SEQUENCE: 21
260 uucauucuua cagaucggga c                                21
263 <210> SEQ ID NO: 22
264 <211> LENGTH: 21
265 <212> TYPE: RNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Chemically synthesized positive strand of double-stranded
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270     viral gene expression inhibitor
272 <400> SEQUENCE: 22
273 uuuccauaca uuauugugcu u                                21
276 <210> SEQ ID NO: 23
277 <211> LENGTH: 21
278 <212> TYPE: RNA

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279 <213> ORGANISM: Artificial Sequence

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DATE: 04/11/2006

PATENT APPLICATION: US/10/539,446

TIME: 12:45:01

Input Set : A:\10-539,446 Sequence Listing.txt

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281 <220> FEATURE:
282 <223> OTHER INFORMATION: Chemically synthesized negative strand of double-stranded
RNA
283     viral gene expression inhibitor
285 <400> SEQUENCE: 23
286 uuaagggau gaaauaacac g                                21
289 <210> SEQ ID NO: 24
290 <211> LENGTH: 21
291 <212> TYPE: RNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Chemically synthesized positive strand of double-stranded
RNA
296     viral gene expression inhibitor
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299 aaauaggcagu cuagcagaau u                                21
302 <210> SEQ ID NO: 25
303 <211> LENGTH: 21
304 <212> TYPE: RNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Chemically synthesized negative strand of double-stranded
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309     viral gene expression inhibitor
311 <400> SEQUENCE: 25
312 uuuuuuaccgu cagaucgucu u                                21
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316 <211> LENGTH: 64
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Chemically-synthesized positive strand of DNA fragment
encoding
322     hairpin siRNA
324 <400> SEQUENCE: 26
325 gatccccttc ccatacatta ttgtgcttca agagagcaca ataatgtatg ggaatttttg    60
327 gaaa                                                                64
330 <210> SEQ ID NO: 27
331 <211> LENGTH: 64
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Chemically-synthesized negative strand of DNA fragment
encoding
337     hairpin siRNA
339 <400> SEQUENCE: 27
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342 aggg                                                                64
345 <210> SEQ ID NO: 28
346 <211> LENGTH: 34
347 <212> TYPE: DNA
348 <213> ORGANISM: Artificial Sequence
350 <220> FEATURE:

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351 <223> OTHER INFORMATION: Chemically-synthesized PCR primer

VERIFICATION SUMMARY

DATE: 04/11/2006

PATENT APPLICATION: US/10/539,446

TIME: 12:45:02

Input Set : A:\10-539,446 Sequence Listing.txt

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L:138 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12